

Brandon Luong

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OBJECTIVE

Seeking a software development internship for Summer 2017.

EDUCATION

University of California, Davis

Bachelor of Science Candidate, Computer Science

Davis, CA

Expected Jun 2018

- Relevant Coursework: Data Structures, Graph Algorithms, Computer Architecture, Algorithm Design, Databases
- Major GPA: 3.589, Cumulative GPA: 3.572, Dean's Honor List: Winter 2016

SKILLS

Programming Languages: CSS, HTML, C++, C, Java, Intel x86 Assembly, Lisp, Prolog, Autohotkey, SQL

Other: Excellent communication skills, quick learner, and proven ability to organize and accomplish projects in professional environments with teams of up to 30 people

WORK & INTERNSHIP EXPERIENCE

Accenture

Houston, TX

Enable Midstream, Infrastructure Analyst

Jun 2016 – Sept 2016

- Migrated 40 servers and over 2000 users to new data centers using PowerShell, SCCM, and SQL / Visual Basic scripts
- Performed network traffic profiling and developed security rules for Palo Alto firewall systems in a zero trust environment
- Resolved over 300 tickets related to network drives, VPN issues, print servers, and industrial Gas and Pipeline software

Luong MD Family Practice

Berkeley, CA

Technical Support Consultant

Jun 2015 – Jan 2016

- Upgraded outdated paper medical record-keeping to Amazing Charts, an electronic medical record software (EMHR)
- Implemented HIPAA-compliant cloud backup system and Autohotkey scripts to replace software, saving thousands of dollars
- Guided and trained Dr. Luong and her staff on proper usage, maintenance, and self-reliance
- Performed remote technical support and managed sensitive medical records of more than 500 patients

GS Granite Cabinet Expo

Hayward, CA

Web Programmer

May 2013 – Aug 2013

- Redesigned website for local small business using CSS, HTML, Google Maps API, Bootstrap's Carousel, jQuery, and Photoshop
- Communicated successfully with business owners across language barriers, explaining logistics and technology in Cantonese
- Established a long term plan with teammates to show how the owners could implement website into their business model

LEADERSHIP & ACTIVITIES

Theta Tau – Professional Engineering Fraternity

Davis, CA

Scribe, Webmaster, Public Relations, Historian, and Corporate Relations Liaison

Sept 2014 – present

- Handled paperwork, scribed meetings, and communicated regularly with Nationals as part of our chapter's executive board
- Designed and produced flyers, pocket tees, and visual assets for our Fall Recruitment with Photoshop and Illustrator CS6
- Advertised and promoted our Mock Interviews, FE/EIT info sessions, and Professional Development events through social media

PROJECTS

- **Eventr** (Prototype): Won 2nd place at CITRIS Mobile App Challenge. Pulls emails from UC Davis Listservs and extracts relevant data for students to discover internships, company info sessions, and other career-related events.
- **Eparser** (Java): Translates a fictional language, E, to compile-ready Java code. Extensive use of EBNF grammar and syntax.
- **AutoScan** (Autohotkey): Automated scanning of sensitive medical documents into Amazing Charts's medical record database.
- **Funix** (C++): Recreation of UNIX command line. Directories, permissions, timestamps, and I/O from files. cp, mkdir, ls, rm, along with other commands supported.
- **CityWiden** (C++): Street widening simulator to improve efficiency and mileage of 10,000 vehicle trips in a city, using graph and sorting algorithms: Dijkstra's, Prim's, Kruskal's, Heapsort
- **Theta Tau Website**: Developing and maintaining the database backend for my fraternity's website with MySQL, HTML, and Javascript. Built on the Squarespace development platform (davisthetatau.com).